



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Chemical Name: 2-Phenylbenzimidazole-5-Sulfonic Acid

CAS No.: 27503-81-7

Manufacturing Date: Dec 10th, 2023

Quantity: 8000kg

Batch No.: HDC20231210

Molecular Formula: C₁₃H₁₀N₂O₃S

Retest Date: Dec 9th, 2025

Report Date: Dec 11th, 2023

Test Items	Specifications	Test Methods	Test Results
Appearance	White to off-white powder	Visual	Conforms
Identity UV	Corresponds to the Standard	UV USP<197U>	Conforms
Identity IR	Corresponds to the Standard	UV USP<197K>	Conforms
Assay by HPLC	98.0% ~ 102.0%	USP Monograph: Ensulizole	99.4%
UV specific extinction (E1%, 1cm at 302±2nm)	920 ~ 1000	Spectrophotometric	937
Loss on Drying	Not more than 2.0%	USP Monograph: Ensulizole	0.31%

Conclusion: The testing results of this batch are complied with the Standard of In-house.